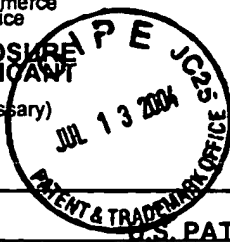


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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE APPROPRIATE
KCT	5 6 3 1 6 1 0	05/1997	Sandberg et al.			
KCT	5 6 3 6 2 4 6	06/1997	Tzannes et al.			
KCT	5 4 9 7 3 9 8	03/1996	Tzannes et al.			
KCT	6 5 3 2 2 5 6	03/2003	Miller			
KCT	5 9 9 5 5 3 9	11/1999	Miller			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

KCT	Henrique S. Malvar; "Signal Processing with Lapped Transforms," pp. 204-216.

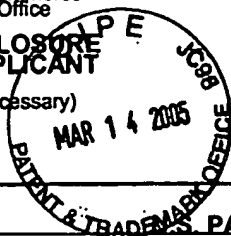
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						YES NO
KCT	2 8 0 0 9 5 4	05/2001	FR			
KCT	0 3 0 6 3 3 8 0	07/2003	WO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

KCT	International Search Report dated March 9, 2004.
KCT	M.C. Sun, et al., "Power-Line Communications Using DWMT Modulation," IEEE International Symposium on Circuits and Systems, vol. 4, XP-002271367, pages 493-496, May 26-29, 2002.
KCT	E. Ozturk, et al., "Waveform Encoding of Binary Signals Using a Wavelet and Its Hilbert Transform," Proceedings of 2000 International Conference on Acoustics, Speech and Signal Processing, vol. 5, XP010506549, pages 2641-2644, IEEE, 5 June 2000.
KCT	J. N. Livingston, et al., "Bandwidth Efficient PAM Signaling Using Wavelets," IEEE Transactions on Communications, vol. 44, no. 12, XP 000640579, pages 1629-1631, IEEE, 1 Dec. 1996.
KCT	G. Cariolaro et al., "An OFDM System with a Half Complexity," Proceedings of the Global Telecommunications Conference, vol. 1, XP000488550, pages 237-242, Nov. 28, 1994 - Dec. 2, 1994.
KCT	H. Bolcskei, et al., "Design of Pulse Shaping OFDM/OQAM Systems for High Data-Rate Transmission Over Wireless Channels," International Conference on Communications, vol. 1, pages 559-564, XP002139687, IEEE, June 6-10, 1999.

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